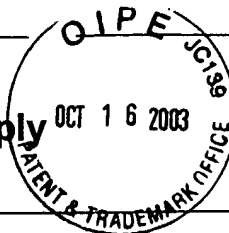


**Notice to Comply**



Applicati n N .	Applicant(s)
09/598,982	MAFFITT ET AL.
Examin r	Art Unit
Delia M. Ramirez	1652

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
- 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- 7. Other: *see attached*

**Applicant Must Provide:**

- An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

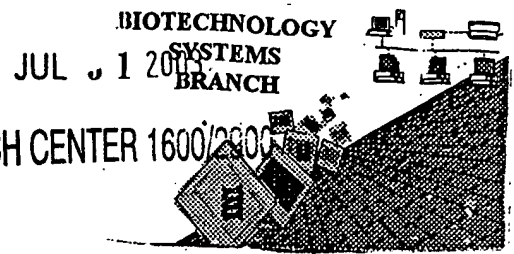
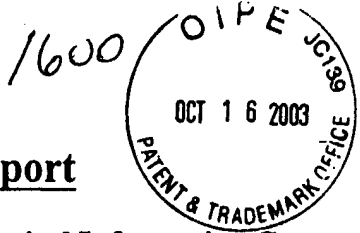
For CRF Submission Help, call (703) 308-4212

PatentIn Software Program Support

Technical Assistance.....703-287-0200

To Purchase PatentIn Software.....703-306-2600

**PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR REPLY**



**CRF Problem Report**

The Scientific and Technical Information Center (STIC) experienced a problem when processing the following computer readable form (CRF):

Application Serial Number: 09/598,982B  
Filing Date: 6/21/2000  
Date Processed by STIC: 7/28/2003

STIC Contact: Mark Spencer, 703-308-4212

**Nature of Problem:**

The CRF (was):

- (circle one) Damaged or Unreadable (for Unreadable, see attached)
- Blank (no files on CRF) (see attached)
- Empty file (filename present, but no bytes in file) (see attached)
- Virus-infected. Virus name: \_\_\_\_\_ The STIC will not process the CRF.
- Not saved in ASCII text
- Sequence Listing was embedded in the file. According to Sequence Rules, submitted file should **only** be the Sequence Listing.
- Did not contain a Sequence Listing. (see attached sample)
- Other:

**PLEASE USE THE CHECKER VERSION 4.0 PROGRAM TO REDUCE ERRORS.  
SEE BELOW FOR ADDRESS:**

**<http://www.uspto.gov/web/offices/pac/checker>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebs/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

1600

C: / 598, 982 B

Can't be processed

Homo sapiens  
 60  
 cacggcccat actggatgca cttctgctggg ggctccctca tccaccccca gtgggtgctg 120  
 accgcagcgc actgcgtggg accggacgct aaggatctgg ccgccctcag ggtgcaactg 180  
 cgggagcagc acctctacta ccaggaccag ctgctgccgg tcagcaggat catcgtgcac 240  
 ccacagttct acaccgcca gatcggagcg gacatcgccc tgctggagct ggaggagccg 300  
 gtgaacgtct ccagccacgt ccacacggtc accctgcccc ctgcctcaga gaccttcccc 360  
 ccggggatgc cgtgctgggt cactggctgg ggcgatgtgg acaatgatga gcgcctcca 420  
 ccgccatttc ctctgaagca ggtgaaggtc ccataatgg aaaaccacat ttgtgacgca 480  
 aaataccacc ttggcgcta cacgggagac gacgtccgca tcgtccgtga cgacatgctg 540  
 tgtgccggga acaccggag ggactcatgc cagggcgact ccggagggcc cctggtgtgc 600  
 aagtgaaatg gcacctggct gcaggcgggc gtggtcagct ggggcgaggg ctgtgcccag 660  
 cccaaccggc ctggcatcta caccgctgtc acctactact tggactggat ccaccactat 720  
 gtccccaaaa agccg

735 agctrymkswbdhvn DNA yy Comment Feature  
 ctccyy CDS CDS 735 1 seq02 Artificial  
 1

Sequence (gggcccctcgagaaaagaatcgtcgggggtcaggaggccc agctrymkswbdhvn DN  
 A e  
 )

PCR primer gtga seq03 Artificial

Sequence (ccactatgtccccaaaagccgtgaagcggcccgctcgt agctrymkswbdhvn DN  
 A e

PCR primer seq04

(sample of submitted file)